

XP-002188398

BB

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PA - (TEIJ) TEIJIN LTD
PN - JP5064588 A 19930319 DW199316 C12N9/64 008pp
PR - JP19910228687 19910814
XA - C1993-057022
XIC - A61K-037/02 ; A61K-037/465 ; C12N-009/64 ; C12N-015/57
AB - J05064588 A human protein C or an activated protein C has a H chain
contg. one of 239-246th aminoacids in the H chain of natural activated
protein C as the C-terminal or having a L-chain contg. one of
141-155th aminoacids pref. 149-155th aminoacids in the L chain of
natural activated (I) as the C-terminal.
- USE/ADVANTAGE - The (I) or the activated (I) can be used as an
anticoagulating agent or as a fibrinolysis promotor.
- In an example, recombinant (I) is prepd. by the method described in
J.P. Laid-open No.85084/89. The recombinant (I) soln. is concentrated
by ultrafiltration and dialysed. It is mixed with bovine thrombin and
incubated and the resultant activated (I) is purified by a cation
exchange resin column (S-Sepharose Fast Flow column). The aminoacid
sequence of the peptide isolated in the activation of (I) is
determined by an ultrafiltration and a HPLC. C-terminal sequence of
the H chain of the activated (I) is analysed by a sepn. of H chain
from L chain and an ultrafiltration and a reversed phase liquid
chromatography (Poly-F column). (Dwg.0/0)
IW - HUMAN PROTEIN ACTIVATE PROTEIN SHORT CHAIN USEFUL ANTI CLOT AGENT
FIBRINOLYTIC PROMOTE
IKW - HUMAN PROTEIN ACTIVATE PROTEIN SHORT CHAIN USEFUL ANTI CLOT AGENT
FIBRINOLYTIC PROMOTE
NC - 001
OPD - 1991-08-14
ORD - 1993-03-19
PAW - (TEIJ) TEIJIN LTD
TI - Human protein C and activated protein C with short H chains - useful
as anti-clotting agents and fibrinolysis promoters